

CONVAIR  
A Division of General Dynamics Corporation  
(San Diego)

DESIGN INFORMATION BULLETIN

CONVAIR REPORT NO. ZM-22-005

MODEL 22-0,1,2,3,4 AIRPLANES

RECEIVED

JAN 21 '60

ENG'R.  
PRE-DESIGN

NO.: 22-0,1,2,3,4-13.002

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STRUCTURAL DESIGN WEIGHTS

1. The Model 22 (Convair 880) aircraft are designed to the following structural weights:

	<u>22-0</u> <u>without slats</u>	<u>22-1-2</u> <u>without slats</u>	<u>22-3-4</u> <u>with slats</u>
Ramp Weight, lb.	192,310	(1) 192,310	193,500
Take-off Weight, lb.	191,500	(1) 191,500	192,700
Landing Weight, lb.	155,000	(1) 155,000	155,000
Zero Fuel Weight, lb.	120,000	120,000	121,500
C.G. Envelope defined by DIB No.	22-14.003	22-14.003	22-3-14.003

NOTES: (1) Except for brakes, wheels and tires

2. The 22-1 and 22-2 aircraft with present wheels, tires and brakes are being certificated to the following maximum weights:

Ramp Weight, lb.	185,000
Take-off Weight, lb.	184,500
Landing Weight, lb.	132,800
Zero Fuel Weight, lb.	(2) 120,000
C.G. Envelope defined by DIB	22-14.003

NOTE: (2) Present contractual commitments to TWA and DAL are for 117,000 lb. zero fuel weight.

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